

Work Order ID 62199

Wednesday, September 22, 2010 10:22:53 A



Page 1

Item ID: D4154-1

Accept



Setup Start



Revision ID:

Item Name: Plate

Stop



Start Date: 9/22/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 9/29/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

Handwritten signature

Date: 10-9-22

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4154	A								
100		0.00							
Waterjet	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg Dwg Rev: <u>A</u> Prog Rev: <u>A</u>								
	2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
QC	Memo	0.00							
Quality Control									

18 10-9-23

(4)

18 10-9-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Start Date: 9/22/2010 Start Qty: 4.00

Required Date: 9/29/2010 Req'd Qty: 4.00

Reference:

Cust Item ID:




Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120  QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00		SB 10/09/23		(4)			
130  Brake NC Brake NC	Form as per dwg Memo	0.00 0.00		SB 10/09/23		(4)			
140  QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		SB 10/09/23		(4)			

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Work Order ID 62199

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Page 3

Item ID: D4154-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Plate

Start Date: 9/22/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 9/29/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

150

Identify as per dwg & Stock Location: ERIC

0.00



Packaging

Memo

0.00

Packaging

0.010/9/27 (4)

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/09/27 ME
10-9-27

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Picklist Print

Wednesday, September 22, 2010 10:22:57 AM

Page 1

Work Order ID: 62199

Parent Item: D4154-1

Parent Item Name: Plate



Start Date: 9/22/2010

Required Date: 9/29/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A 10.08.03 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S18GA		Purchased	No			100	sf	127.9479	4.2697	17.97768			



304/316 .050 Sheet



10-9-23

Location

Loc Qty

Loc Code

MAT20

127.9479

111743

7.36

112885

10.4179

113062

58.17

115389

52

113062

④

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order: 62199
Description: PLATE		Part Number: D4154-1
Inspection Dwg: D4154-1 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø .188	+ .005 - .001	.191	X		U 1B02	
Ø .516	+ .008 - .001	.516	X		U	
.88	± .030	.88	X		U	
.125	± .010	.125	X		U	
.25	± .030	.253	X		U	
.400	± .010	.403	X		U	
.050	± .010	.050	X		U	
.55	± .030	.550	X		U	
4.75	± .030	4.751	X		U	
4.00	± .030	4.003	X		U	
14.00	± .030	14.00	X		T 1B01	
61.00	± .030	61.000	X		T	
91.50	± .030	91.50	X		T	
1.20	± .030	1.204	X		U	
1.80	± .030	1.808	X		U	
2.75	± .030	2.75	X		U	
6.42	± .030	6.422	X		U	
15.45	± .030	15.45	X		T	
40.70	± .030	40.70	X		T	
66.45	± .030	66.45	X		T	
90.35	± .030	90.35	X		T	
6.72	± .030	6.715	X		U	
.050	± .010	.052	X		U	

Measured by: IB	Audited by: S	Prototype Approval:	N/A
Date: 10-9-23	Date: 10/09/23	Date:	N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	

ITEM	QTY	P/N	DESCRIPTION
	X	D4154-041	WEARPLATE ASSEMBLY
1	1	D4154-1	PLATE
2	1	D4155-1	BAR
3	A/R	2059B	HARDCOAT
4	A/R	PR 1422	SEALANT (SEE NOTE 11, SHT 2)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *62109*
PS10-9-22

D4154-041 WEARPLATE ASSEMBLY

RELEASED
2010-09-15
MP

A	NEW ISSUE	SC	10.07.22
REV.	DESCRIPTION	BY	DATE
DESIGN	SC	DART AEROSPACE USA, INC.	
DRAWN	SC	PORT HADLOCK, WA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4154	SHEET 1 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	WEARPLATE ASSEMBLY	
DATE	10.07.22	NTS	
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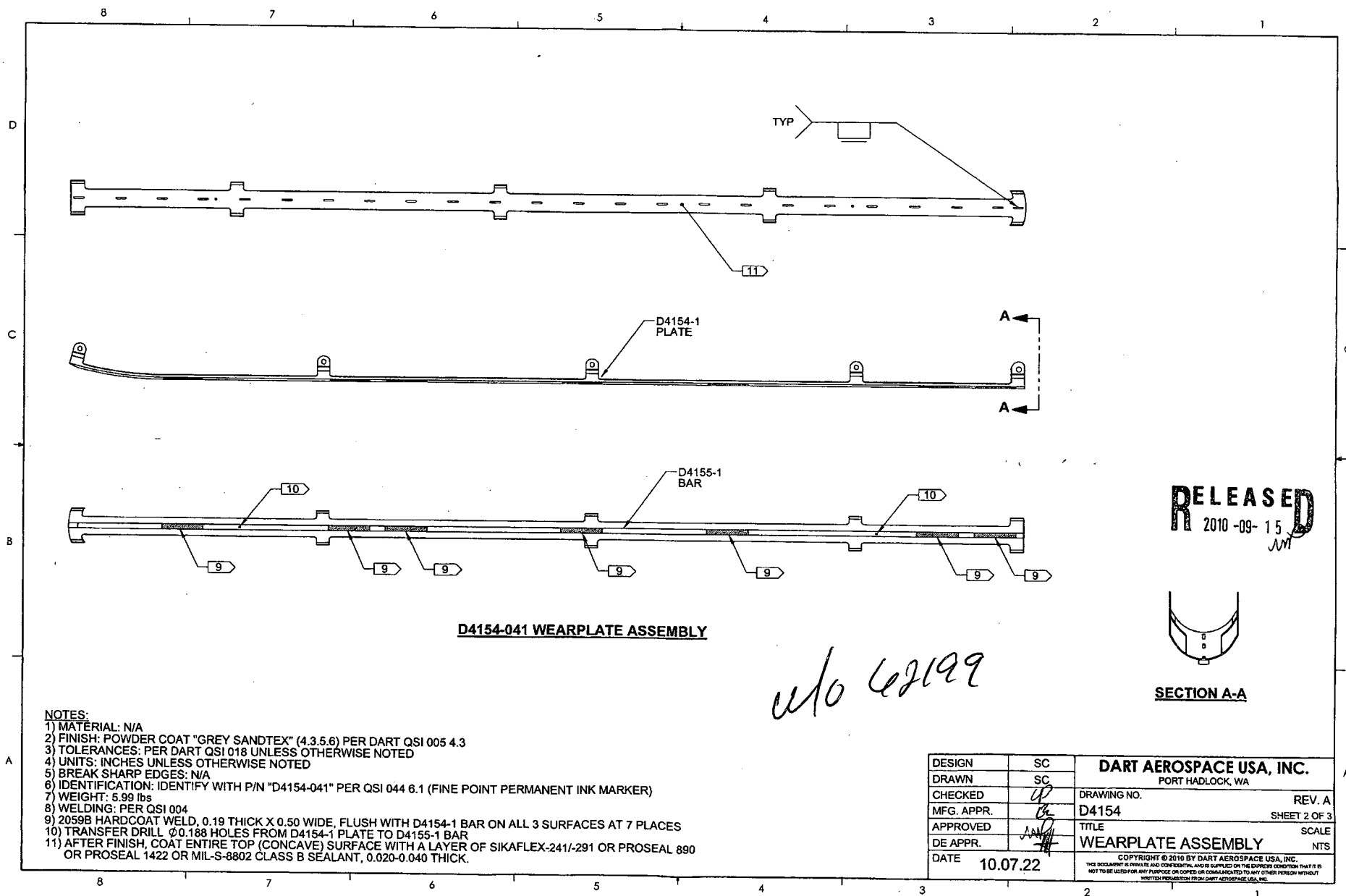
W/O:		WORK ORDER CHANGES					
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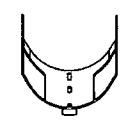
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NOTE: Date & initial all entries



RELEASED
2010-09-15
JM



SECTION A-A

u/o 62199

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH P/N "D4154-041" PER QSI 044 6.1 (FINE POINT PERMANENT INK MARKER)
 - 7) WEIGHT: 5.99 lbs
 - 8) WELDING: PER QSI 004
 - 9) 2059B HARDCOAT WELD, 0.19 THICK X 0.50 WIDE, FLUSH WITH D4154-1 BAR ON ALL 3 SURFACES AT 7 PLACES
 - 10) TRANSFER DRILL Ø0.188 HOLES FROM D4154-1 PLATE TO D4155-1 BAR
 - 11) AFTER FINISH, COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF SIKAFLEX-241/-291 OR PROSEAL 890 OR PROSEAL 1422 OR MIL-S-8802 CLASS B SEALANT, 0.020-0.040 THICK.

DESIGN	SC	DART AEROSPACE USA, INC.	
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CHECKED	UP	DRAWING NO.	REV. A
MFG. APPR.	BE	D4154	SHEET 2 OF 3
APPROVED	JAN	TITLE	SCALE
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NOTE: Date & initial all entries

8

7

6

5

4

3

2

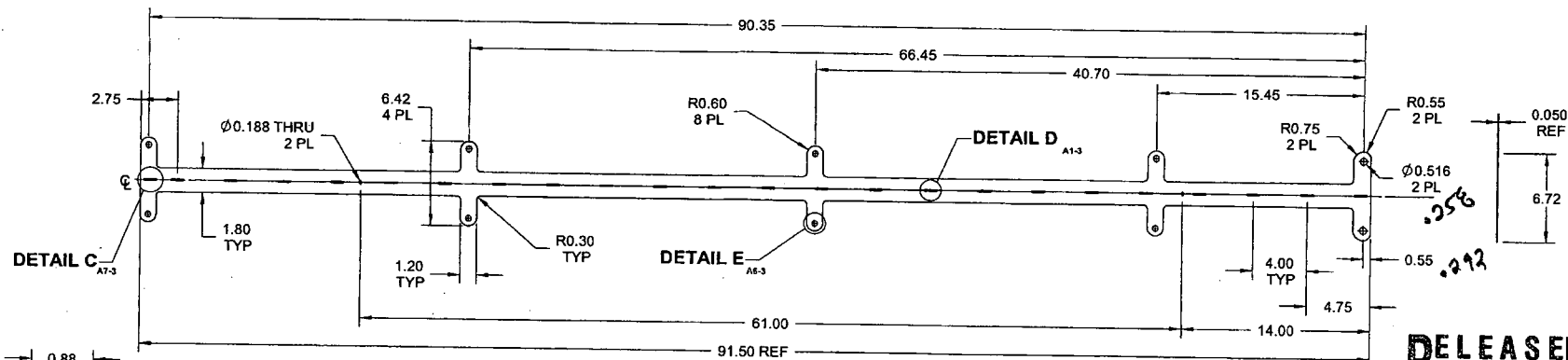
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1.29
R31.7
REF

B
B
A4-3

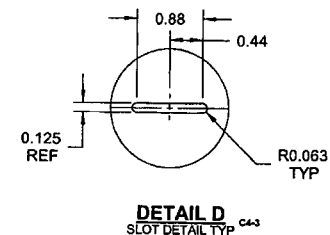
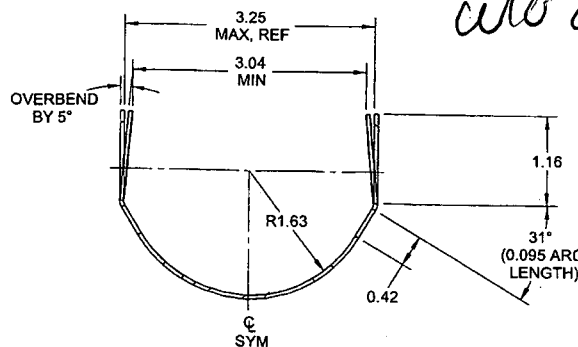
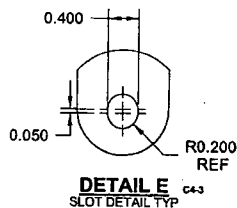
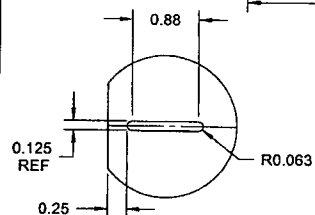
82.54

D4154-1 PLATE
(MAKE FROM D4154-1F)







D4154-1F FLAT PATTEN

RELEASED
2010-09-15



NOTES:

- 1) MATERIAL : AISI 304/316 STAINLESS STEEL PER AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH : NONE
- 3) TOLERANCES : PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS : INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES : 0.005 TO 0.010 MAX
- 6) IDENTIFICATION : NONE
- 7) WEIGHT : 2.71 lbs

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MFG. APPR.		D4154	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE ASSEMBLY	NTS
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